



Naval Station, San Diego Environmental Cleanup Program

Removal Action Fact Sheet No. 3

July 1996

Removal Action Scheduled for Naval Station Public Review Period Now Open

This fact sheet has been developed to inform the public about the opportunity to provide input to the U.S. Navy regarding a proposed removal action planned for Naval Station, San Diego. This action is being taken as part of the Navy's Installation Restoration Program. The program is designed to investigate and cleanup hazardous waste sites in accordance with federal and state laws and regulations.

The public is invited to review and comment on the *Preliminary Final Time Critical Removal Action Memorandum/Remedial Action Plan, Naval Station San Diego, Site 1*. The 30-day public review and comment period is July 8 - August 7, 1996. The document is available for review at the two local libraries listed on the back page of this fact sheet. The public is also invited to attend a public meeting on July 31, 1996 at 8:00 p.m. to submit verbal or written comments on the Action Memorandum/Remedial Action Plan.

Introduction

The U.S. Navy is proposing to excavate and remove approximately 20,000 cubic yards of soil in the southern area of the Ship Repair Basins at Naval Station, San Diego.



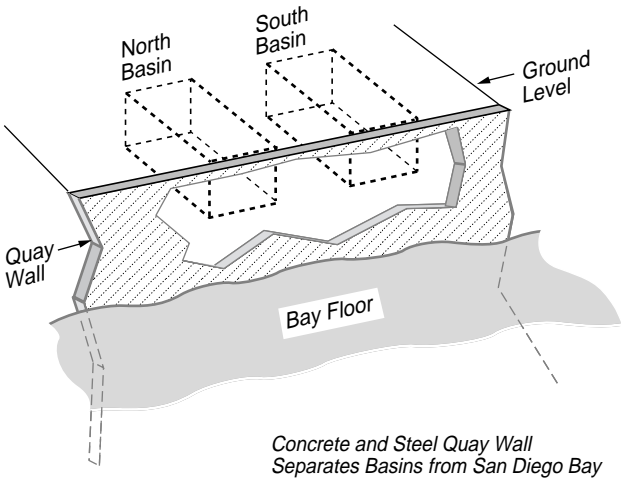
Chemicals of concern found in soil include polynuclear aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and metals. These compounds are below levels that classify them as

a hazardous waste in California. The site is paved with asphalt, therefore, the potential for human exposure is extremely low. However, in order for the site to qualify for unrestricted land use in the future, the contaminated soil above Residential Preliminary Remediation Goals, established by the U.S. Environmental Protection Agency, must be removed. Following public review and comment, the Navy plans to begin the excavation in August, 1996 and complete the removal action within twelve weeks.

A Time Critical Removal Action Memorandum/Remedial Action Plan has been prepared to document the Navy's decision to conduct this excavation and removal. The memorandum provides a complete description of the site and the results of the investigations conducted. It also provides the results of the human health and environmental risk analysis, and the proposed cleanup action.

Site Background

The Ship Repair Basins (Site 1) were active until 1945. Between 1945 and 1972, the basins were used to dispose solid waste, scrap metal, demolition debris, lubricants and oils, and paint sludge. The basins were then

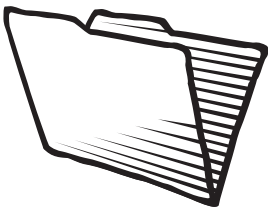


Site 1: Ship Repair Basins

paved for parking areas. The basins are located in the southern portion of the Naval Station; between 11th and 12th streets (north-south), Kidd Street to the East, and San Diego Bay to the west. A concrete and steel quay wall separates the basins from the bay. The quay wall extends nearly 40 feet below the bay floor. There are no endangered wildlife habitats, or reported endangered species, or sites of archaeological significance located on the site. Site 1 is divided into two subareas, the north basin and the south basin. The investigation and proposed cleanup plan discussed in this fact sheet covers only the soil in the south basin. The north basin and groundwater will be addressed under a separate action.

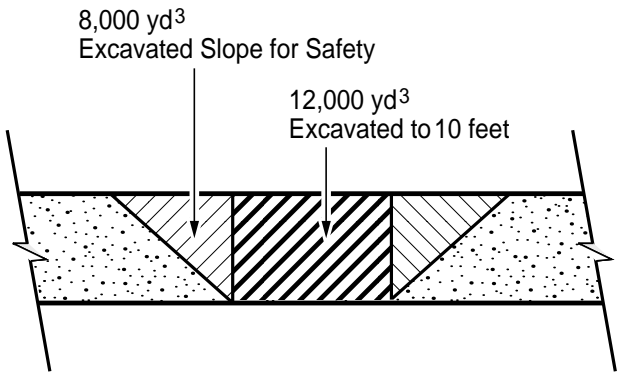
Investigation Results

Soil sampling results have confirmed that the south basin contains contaminated soil as a result of disposing oils, paint sludges, scrap metal, and other debris. Contamination levels are higher than standards for residential land use. Even though the Navy does not plan to use the land for residential use, cleanup to residential standards is required in order to have unrestricted use of the property in the future. Contamination in the basin includes polynuclear aromatic hydrocarbons (PAHs)—organic chemicals formed during refining and combustion of petroleum hydrocarbons. Diesel fuel contains low levels of PAHs while asphalt and creosote contain higher levels. Polychlorinated biphenyls (PCBs) are also present in the soil. PCBs are man-made chemicals used in electrical equipment. PCBs are nonvolatile and persistent in the environment, and are resistant to biodegradation. Metals found in the south basin include arsenic, beryllium, and chromium. Arsenic and beryllium levels are low, however, the chromium levels are high and should be removed. These metals occur naturally in the environment.



Removal Action

The Navy proposes to excavate the top 10 feet of soil from the south basin in order to remove the contamination. The total excavation includes approximately 20,000 cubic yards soil. This volume includes 12,000 yards of contaminated soil from inside the south basin, and 8,000 yards of soil (assumed uncontaminated) from outside the basin. Excavating soil outside the basin is necessary to create slopes and protect the excavation walls from caving in during the removal action. All exca-



Site 1: Planned Excavation

vated soil will be tested to determine the appropriate destination for ultimate treatment or disposal. The site will be backfilled with clean soil, repaved, and used as a parking lot.

Health and Safety Precautions

Navy contractors will prepare a plan detailing all health and safety precautions that will be taken during the excavation. The site will be fenced and warning signs posted to keep unauthorized persons from entering the



cleanup area. Dust control measures and air-monitoring equipment will be used to ensure strict compliance with state and federal requirements and protect public health. A licensed waste hauler will

transport the soil off-base. All trucks will be required to carry placards signifying the type of material being hauled. The Navy will notify, and implement requirements of, state and local highway, transportation, and public safety authorities. The contaminated soil is not flammable, nor is there any risk of explosion.

Public Participation

In accordance with federal and state public participation requirements, the proposed removal action is subject to a 30-day public review and comment period scheduled for July 8-August 7, 1996. To learn more about the proposed cleanup action, the public is invited to attend the Naval Station, San Diego Restoration Advisory Board meeting and/or the public meeting immediately following. The



meeting is scheduled for Wednesday, July 31, 1996 at the Radisson Hotel, 801 National City Blvd., National City beginning at 6:30 p.m. The public meeting will begin at 8:00 p.m. Written comments must be post-marked no later than August 7, 1996, and sent to Commanding Officer, NAVSTA Environmental, Code 22, Attn: Theresa Morley, 3395 Sturtevant Street, Suite 6, San Diego, CA, 92136-5071.

Administrative Record File

The Navy has included the Preliminary Final Time-Critical Removal Action Memorandum/Remedial Action Plan, Naval Station, San Diego, Site 1 in the administrative record file for public review. The file also includes investigation reports, sampling and analysis information, and other documents that the Navy has referenced to select the appropriate cleanup method.

The administrative record file is available for public review at Southwest Division Naval Facilities Engineering



Command located at 1220 Pacific Highway, San Diego. Contact Administrative Record Coordinator, Chris Potter at (619) 532-1226. The Action Memorandum/Remedial

Action Plan and an index of the administrative record file are also available for public review at the two following locations:

- National City Public Library
220 East 12th Street
National City, CA 91950
(619) 336-4280
- Naval Station, San Diego Base Library
Building 152
San Diego, CA 92136-5071
(619) 556-1249

For More Information

For more information about this removal action and Naval Station, San Diego's Installation Restoration Program, please contact:

Commanding Officer,
NAVSTA, Environmental, Code 22
Attn: Theresa Morley
3395 Sturtevant Street, Suite 6
San Diego, CA 92136-5071
(619) 556-6438

Jennifer Rich
Public Participation Specialist
Department of Toxic Substances Control
245 West Broadway, Suite 350
Long Beach, CA 90802
(310) 590-4914

Si usted necesita asistencia en traducir esta información, favor de comunicarse por teléfono con Olivia Cervantes Kress al número 619-687-8785. La llamada es gratis.

